

State of Vermont

Department of Fish and Wildlife
Department of Forests, Parks and Recreation
Department of Environmental Conservation
State Geologist
Natural Resources Conservation Council



AGENCY OF NATURAL RESOURCES
103 SOUTH MAIN STREET
Waterbury, Vermont 05676

Department of Environmental Conservation

CERTIFIED MAIL

March 22, 1989

Mr. Alfred Hill
P. O. Box 355
Bethel, Vermont 05032

Dear Mr. Hill:

Subject: Petroleum Contamination at the Service Station
Main Street, Bethel, Vermont

On March 16, 1989, personnel from the Department of Environmental Conservation (DEC) was on site as required per the Department's protocol during the excavation activities at the Service Station on Main Street in Bethel, Vermont. Greg Leech from DEC oversaw the excavation activities and documented gasoline vapors emanating from the excavation. Based on the above investigation, the DEC has determined the following.

1. Alfred Hill, dba Hill's Fuel Service, owns the five (5) tanks that were removed on the 16th of March.
2. Petroleum contamination was observed at levels which require further action.

The DEC asks that you hire a monitoring well driller to install a minimum of one well. The well should be located such that the screened portion extends for at least five feet above and five feet below the groundwater table to allow for seasonal fluctuation. Coupled with this monitoring well a water sample for dissolved hydrocarbons should be taken. If substantial contamination or free phase petroleum is encountered, more than one monitoring well will be required and a more thorough site investigation will have to take place. The design of the monitoring well must meet the following minimum design standards:

- a. Constructed of flush joint, threaded, schedule 40 or thicker PVC pipe, minimum of 2 inches in diameter.
- b. Screened portion of the well shall be a minimum of 10 feet in length and factory slotted with a slot size of .01-.02 inches.
- c. Wells shall be capped at the bottom of the screened section.

Mr. Alfred Hill

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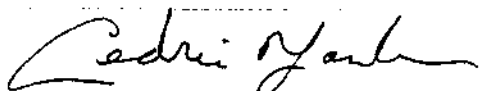
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- d. The area around the screened portion shall be surrounded with sand.
- e. Bentonite seal to a depth of at least 6 inches below the ground surface.
- f. Wells shall be clearly identified to distinguish them from fill pipes, equipped with liquid-proof caps, provided with locking capability to prevent misdeliveries and tampering and protected from traffic.

The DEC has approved the land owned by William Brainard for the temporary stockpiling of the contaminated soils. The soils that were moved off site on March 16 will have to be moved to an out of the way location on Mr. Brainard's property. All soils currently on site and all soils that will be excavated should be put on polyethylene plastic and covered with polyethylene plastic. It is the responsibility of Hill's Fuel to make sure the plastic stays intact and is at all times covering the soils. Later in the spring, this office may allow the landfarming of the soils on the property of Mount Olympus Excavators. This, of course, is up to William Brainard who owns the property.

If you have any questions or concerns, please feel free to contact me or Greg Leech at 244-8702.

Sincerely,



Cedric Sanborn, Chief
Petroleum Sites Management Section

CRS/GL:bgc753

cc: Bethel Board of Selectmen
John Kitzmiller
Del Thompson